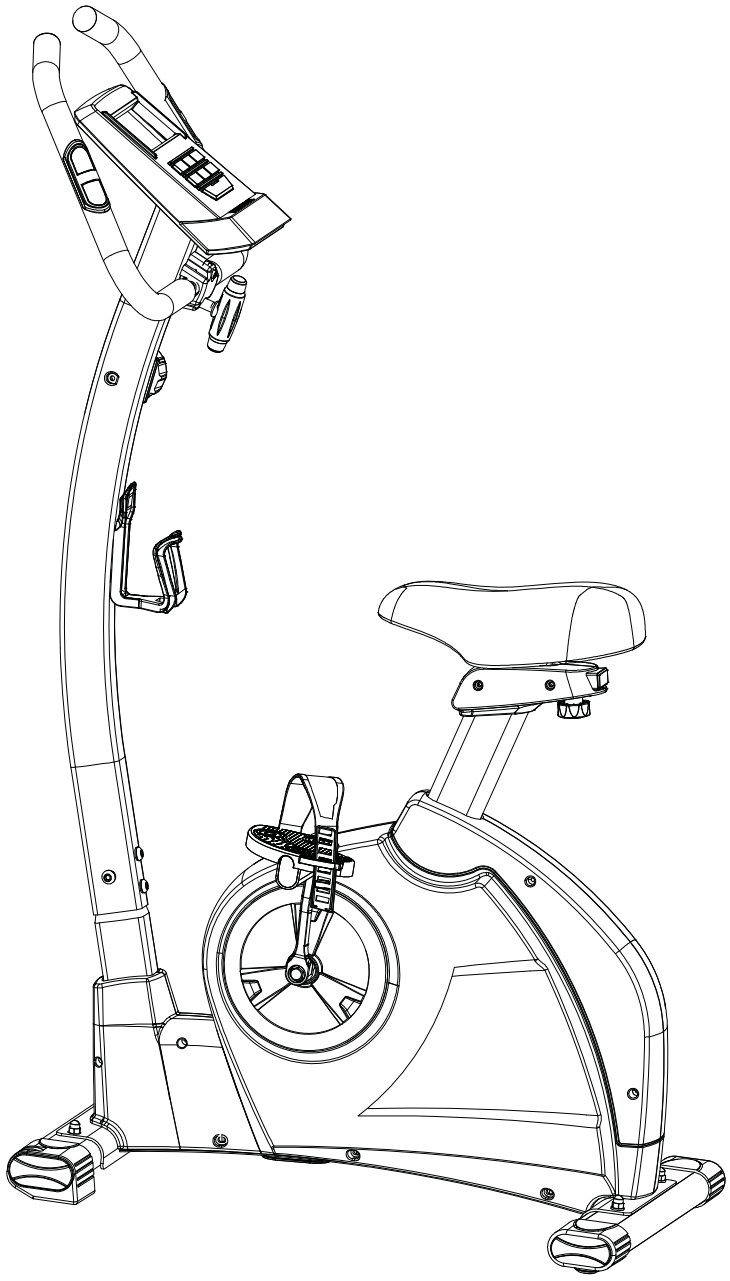
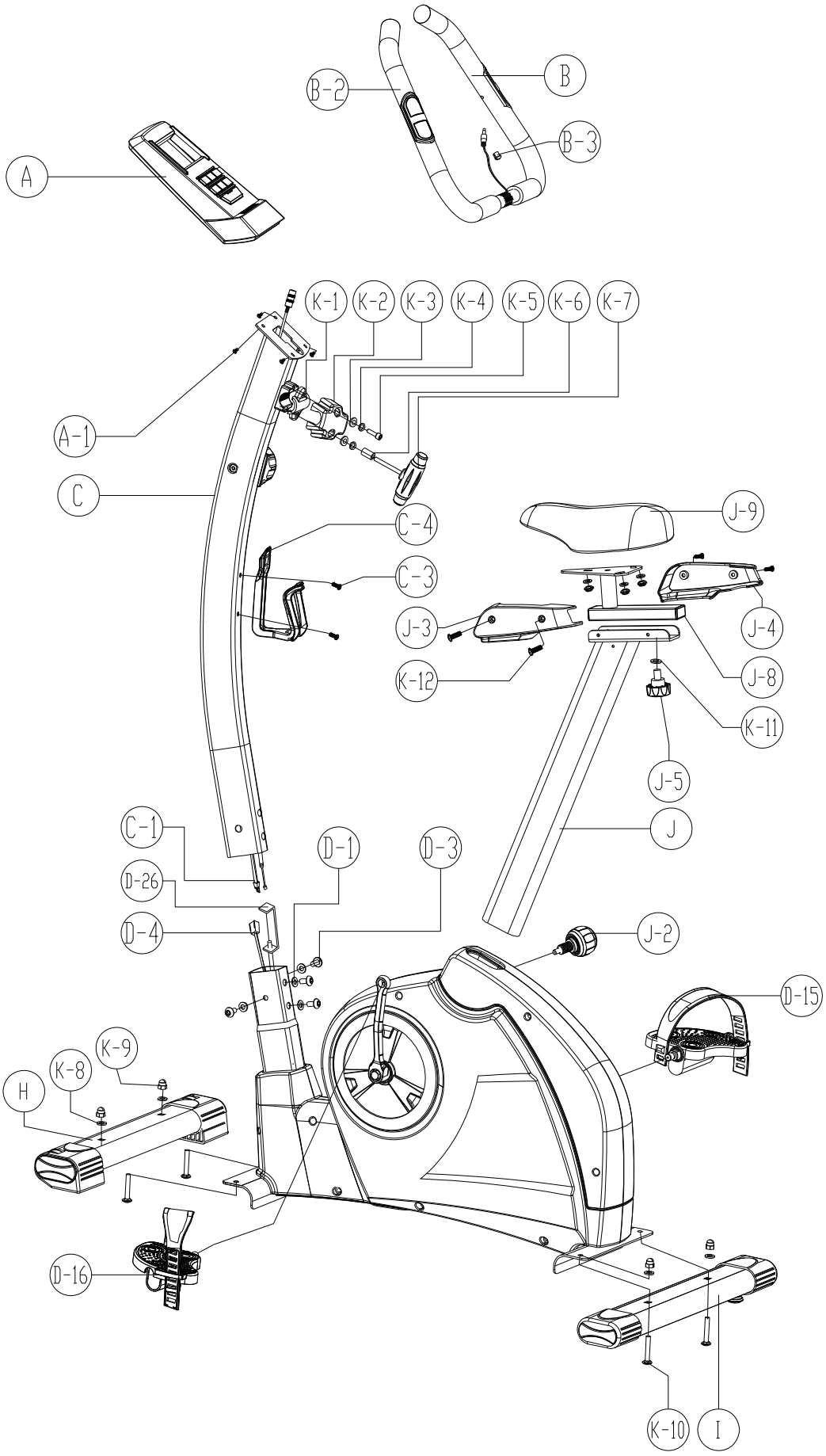
infiniti FITNESS SYSTEMS

# *Assembly & Operating Instructions for*

## *PG675 Magnetic Bike*

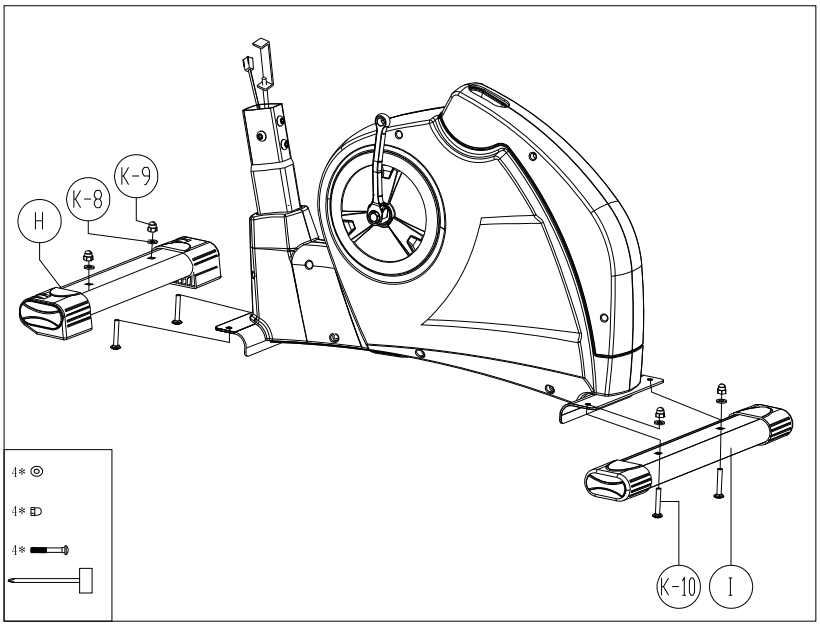


# Exploded view

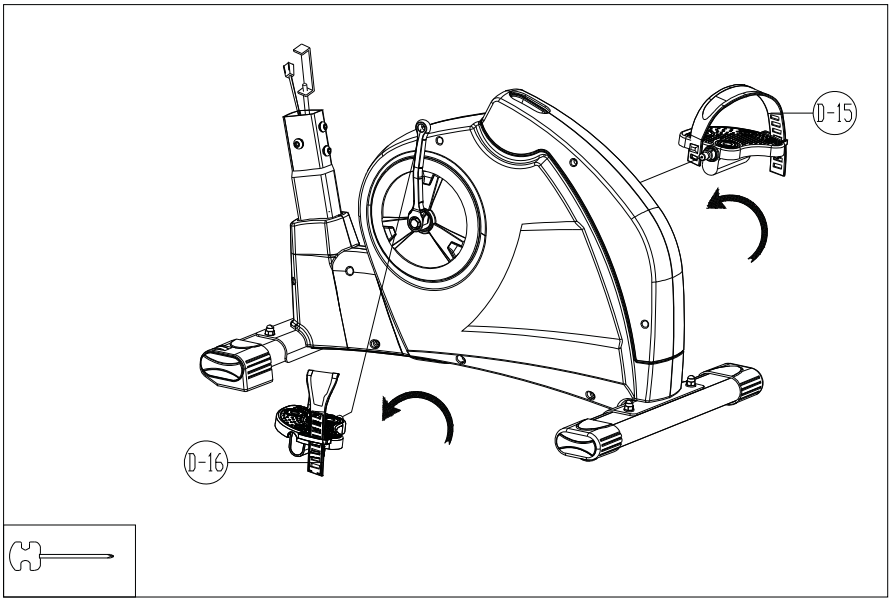


**ASSEMBLY INSTRUCTIONS**

Stage#1

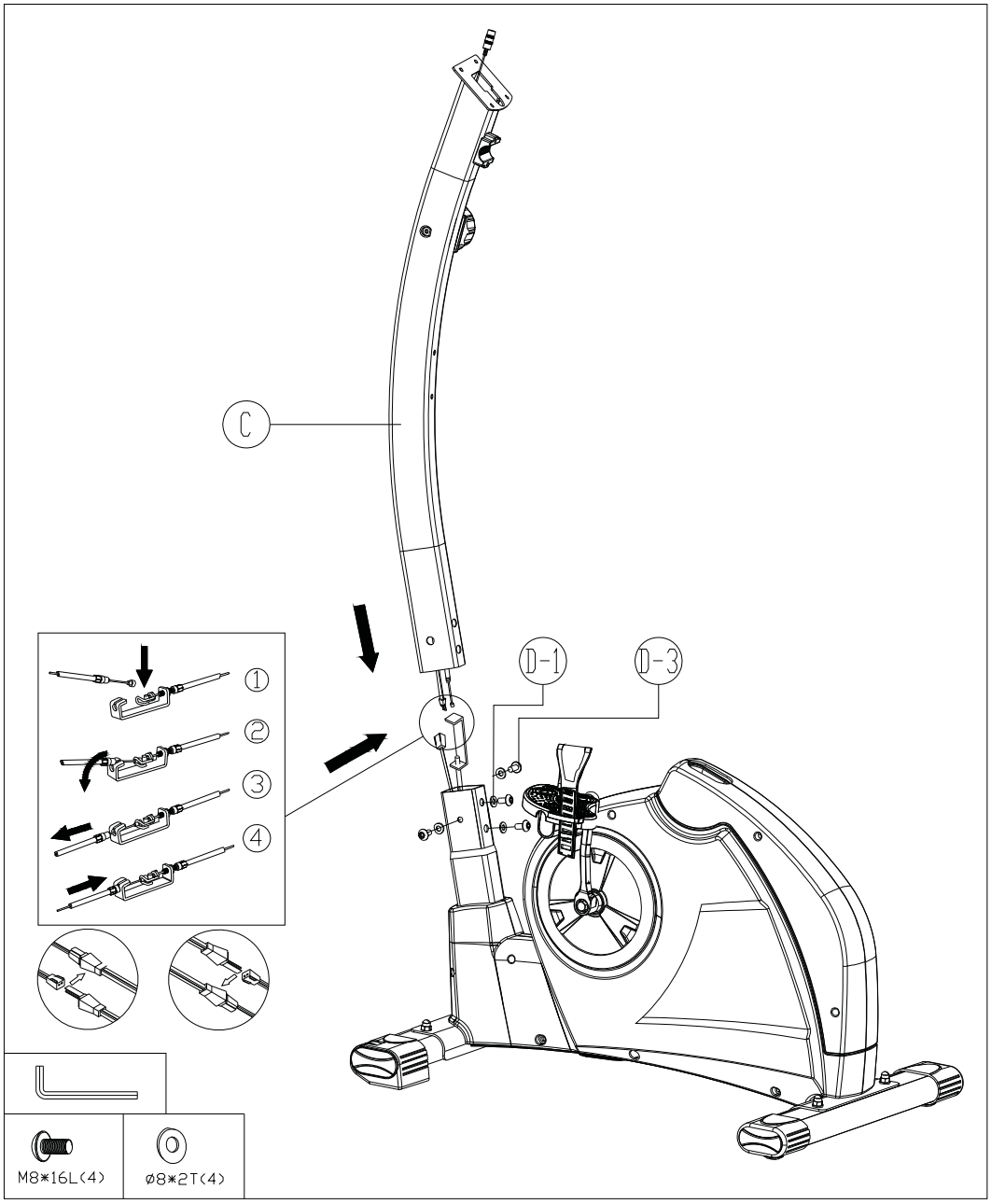



1. Put on front stabilizer (H) and rear stabilizer (I) to the mainframe assembly.
   Be noted: the front stabilizer has transportation wheel. Use carriage bolts(K-10), curve washer (K-8) and crown nut (K-9) to fix the stabilizers tightly.



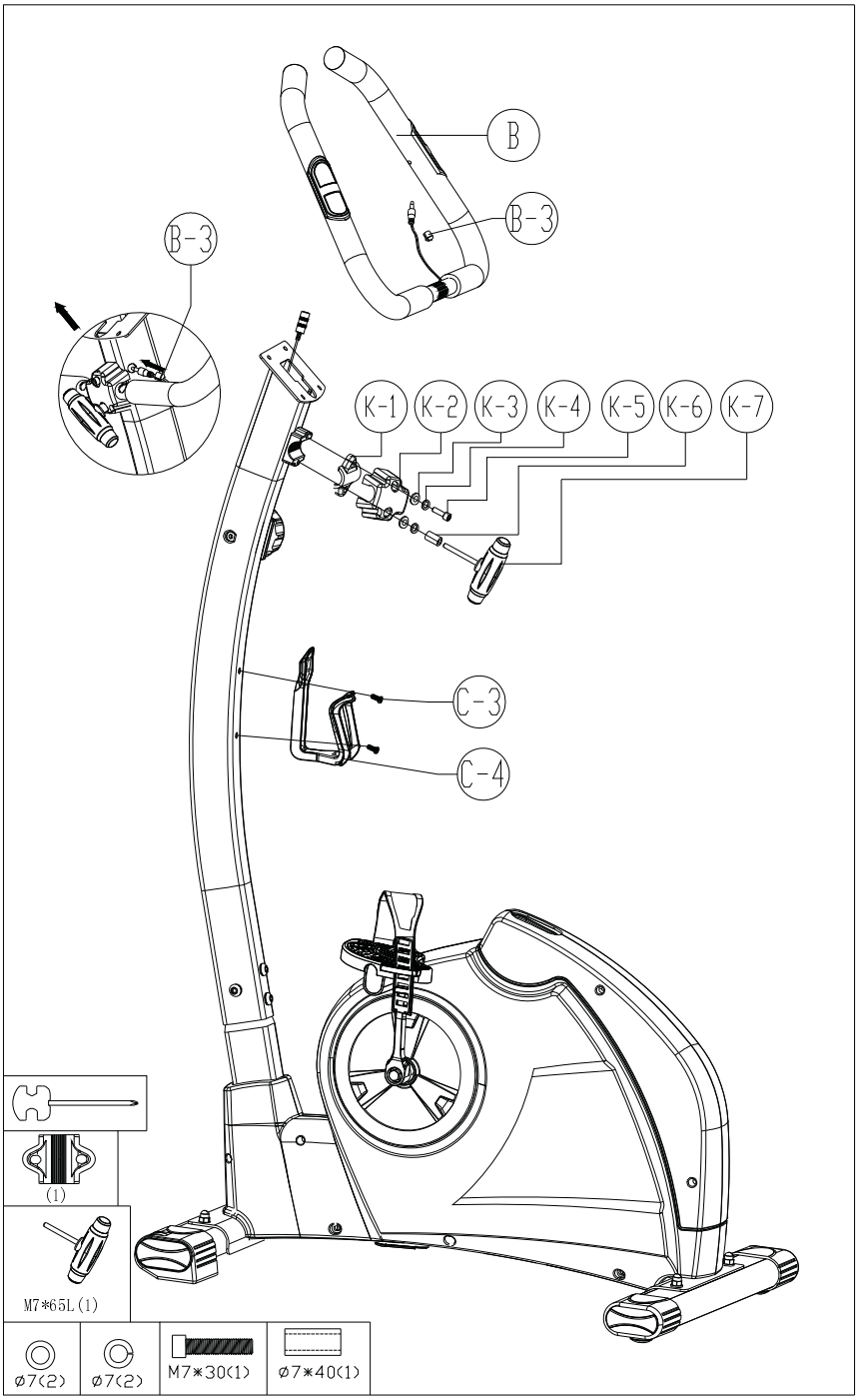

2. Fix the right pedal (D-15) and left pedal (D-16) tightly to the right/left crank.

Stage#2



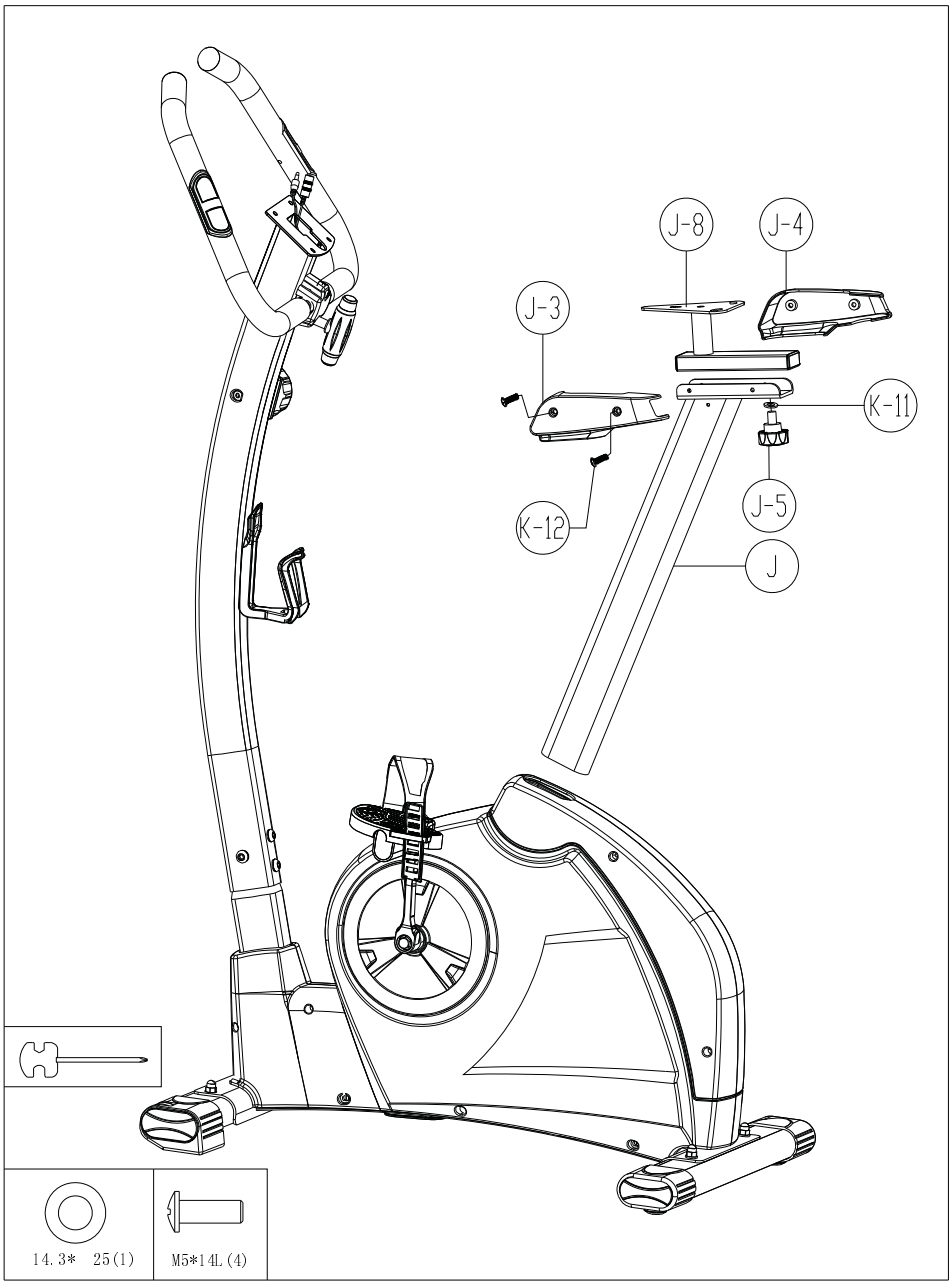

1. Connect the tension control upper and lower cable together.
2. Fix the handlebar post ( C ) to the main frame with Screws (D-3) and washer (D-1).

Stage#3




1. Assemble the handlebar (B) to the bracket on the handlebar post with handlebar clamp (K-1), spring washer (K-3), washer (K-4) and screw (K-5).
2. Put out the hand pulse wire (B-3)from the hole on the handlebar post.
3. Fix the spring washer (K-3), washer (K-4) and metal bush (K-6) into the handlebar clamp. Insert the plastic cover (K-2) to the handlebar clamp.
4. Fix the T-knob (K-7) to the plastic cover. Adjust the handlebar with your desired angle. Fasten the T-knob.
5. Fix the water bottle holder(C-4) to the handlebar post with screws (C-3).

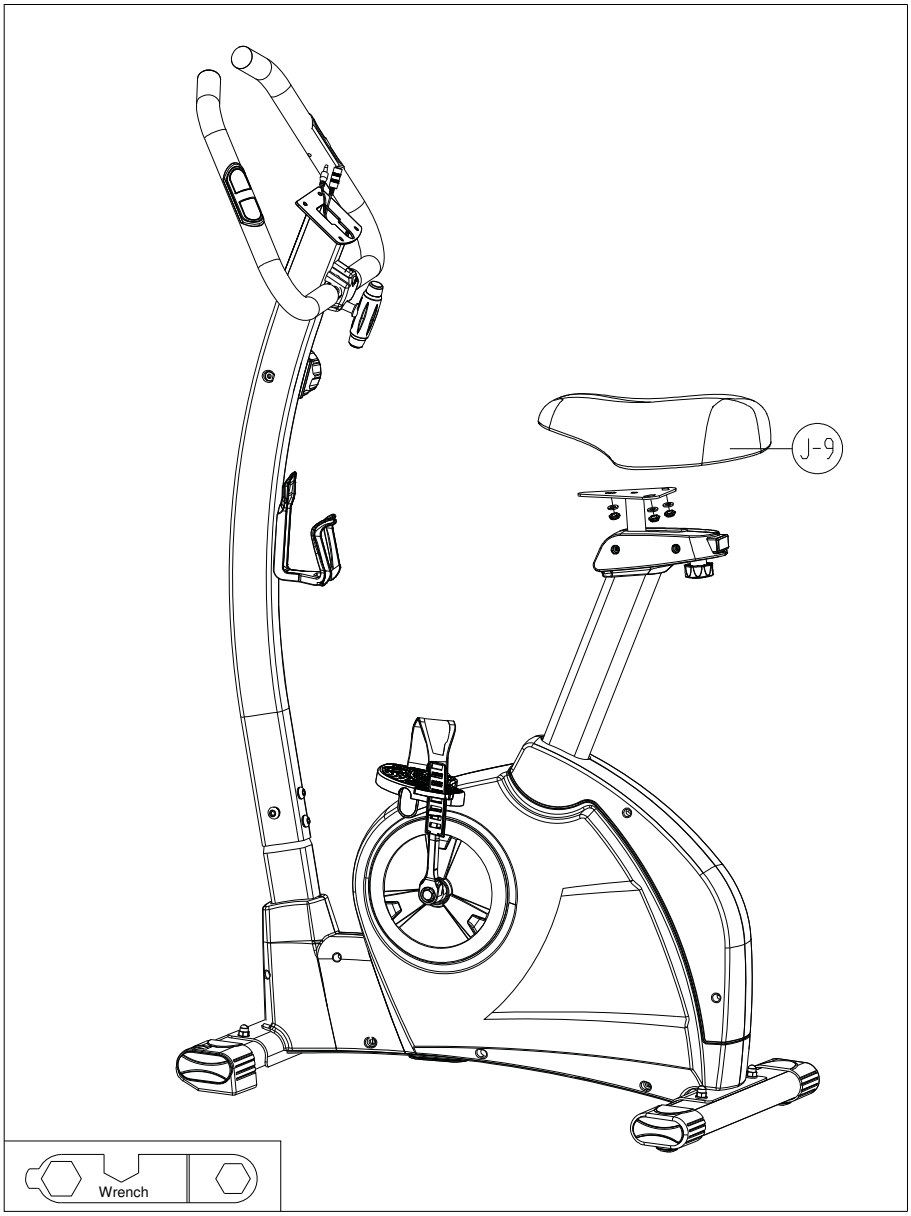
Stage#4




1. Settle the Seat Slider Seat(J-8) on the Seat Post (J) and tighten with the Flat washer(K-11) & Seat Knob(J-5).

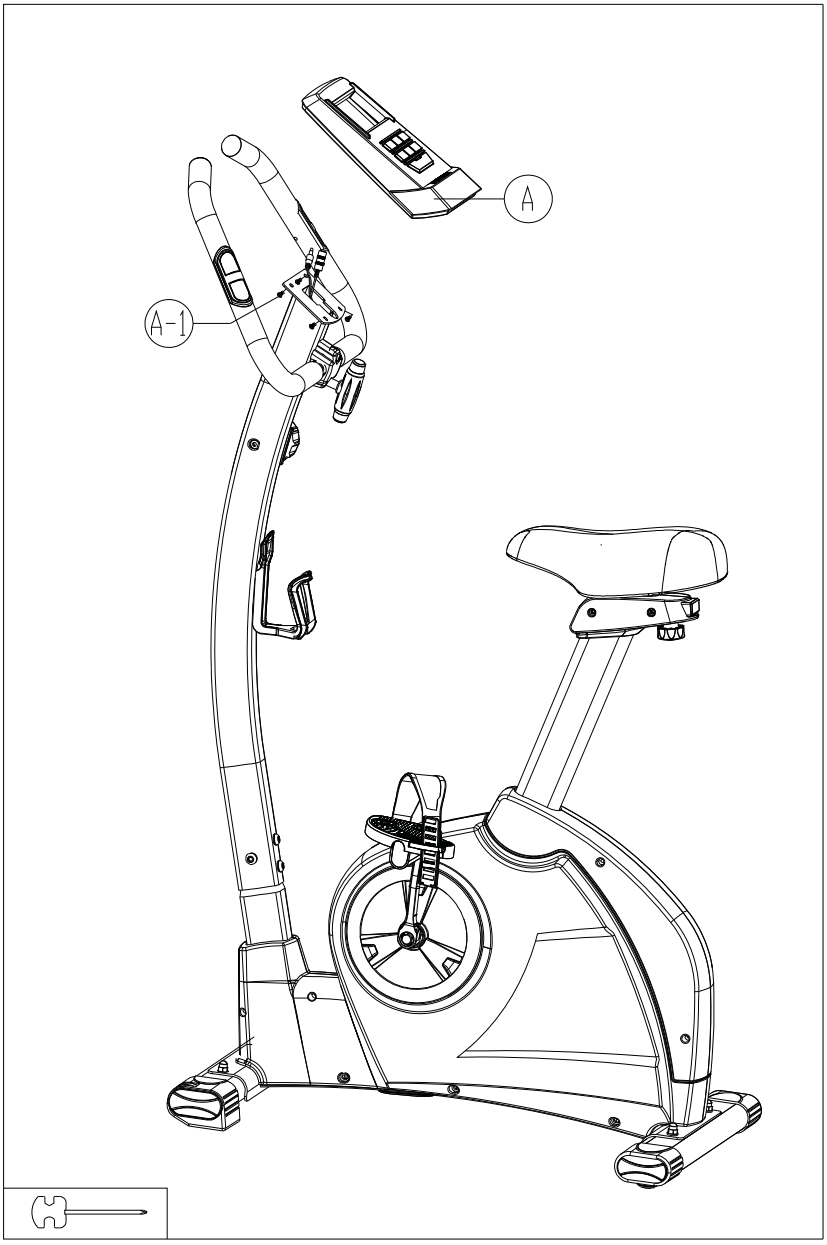
2. Assemble the Left & Right cover for slider (J-3 & J-4) and fix them with Screws (K-12).

Stage#5



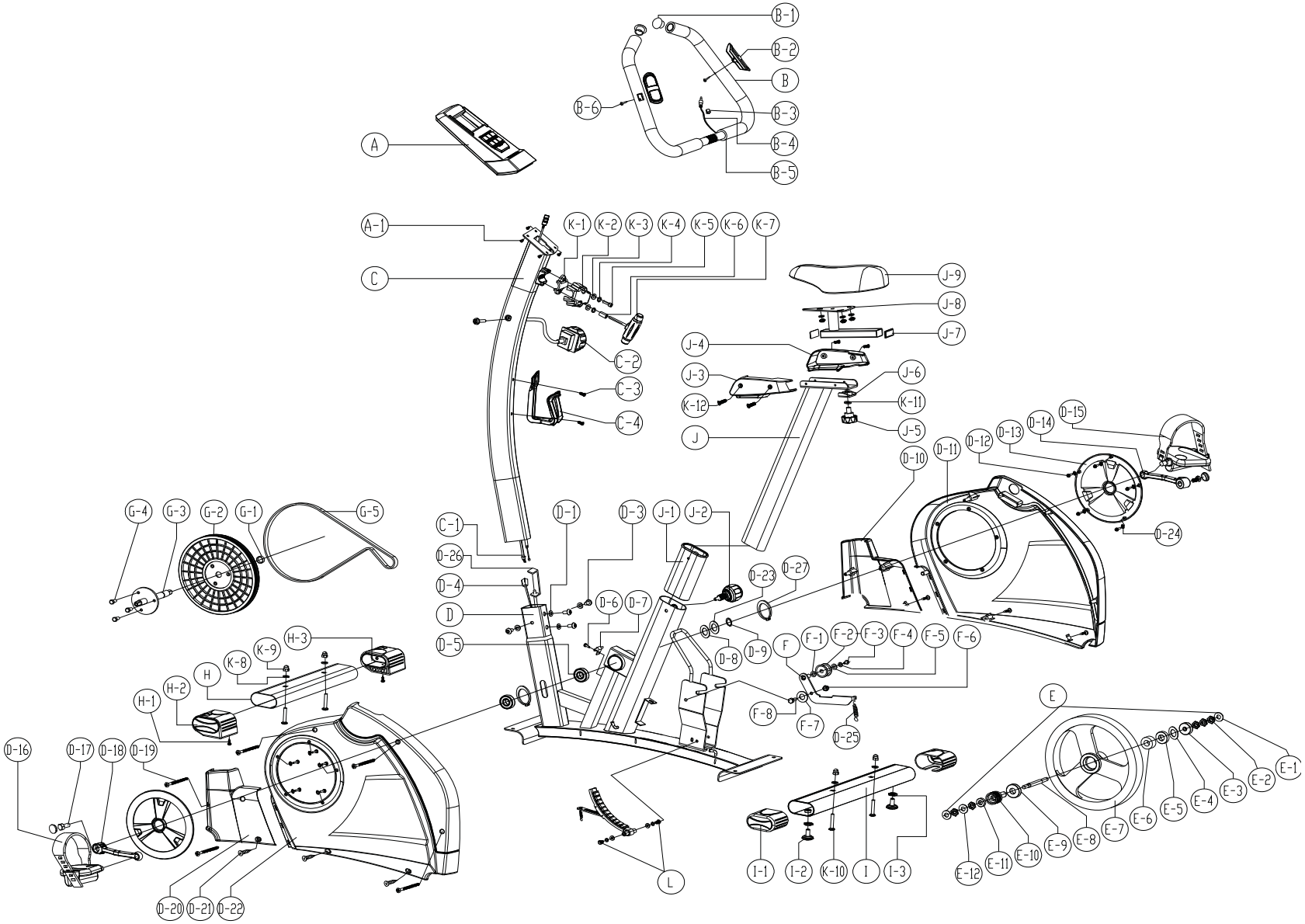

1. Fasten the saddle (J-9) to the seat post with screws.

Stage#6




1. Connect the pulse cable coming out of the handlebar and the RPM sensor cable to the computer (A). Place the computer to the computer mast and fasten with Screws (A-1). Then the assembly is done.

# Exploded view



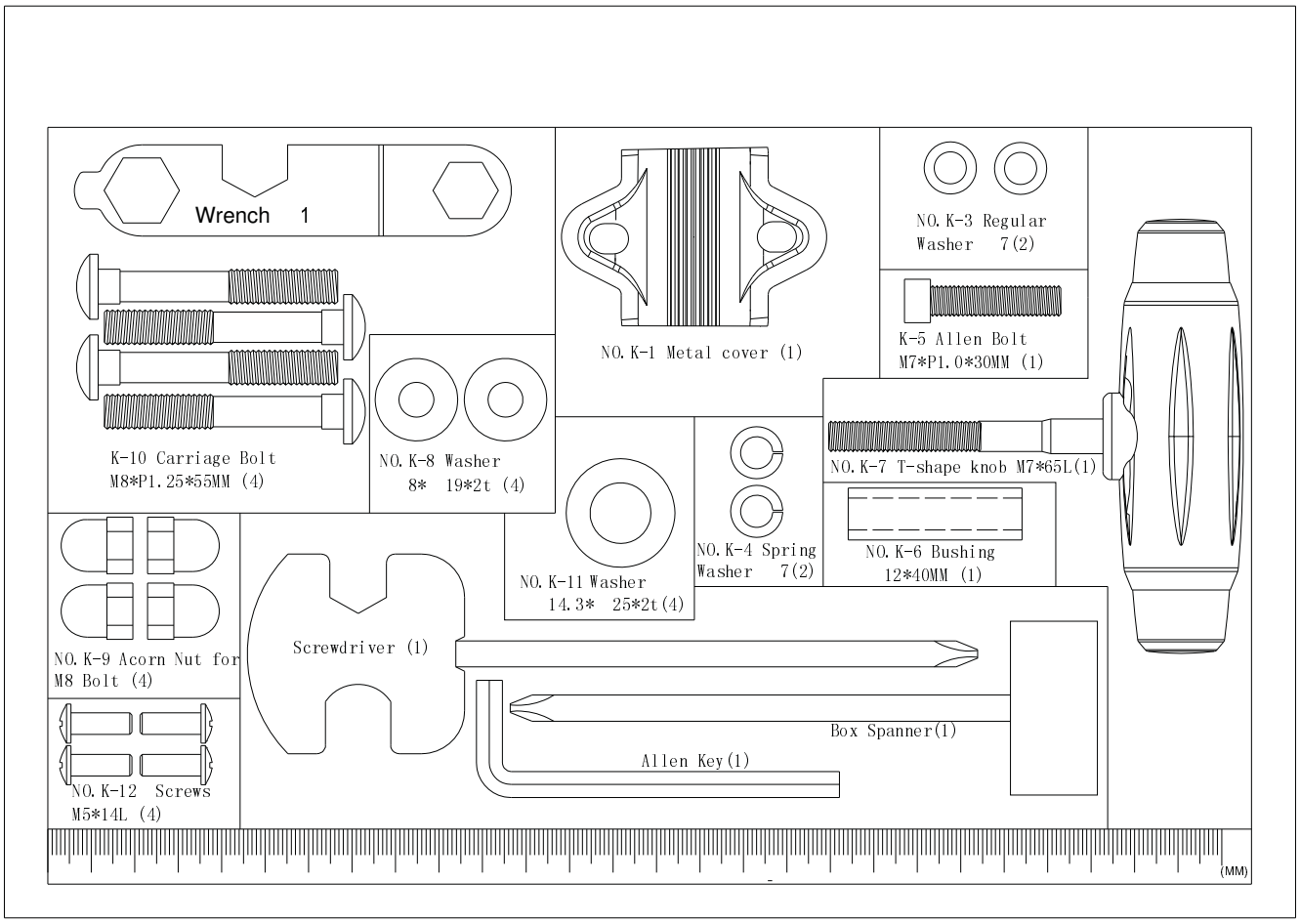
# PARTS LIST

| No. | Description | Q'ty |
|---|---|---|
| A | Computer | 1PCS |
| A-1 | Screw | 4PCS |
| B | Handlebar Set | 1SET |
| B-1 | Cap | 2PCS |
| B-2 | Hand Pulse | 2PCS |
| B-3 | Cap | 1PCS |
| B-4 | Hand pulse wire | 1PCS |
| B-5 | Foam grip | 2PCS |
| B-6 | Screw | 2PCS |
| C | Handlebar post set | 1SET |
| C-1 | Sensor Upper | 1PCS |
| C-2 | Tension Upper | 1PCS |
| C-3 | Screw | 2PCS |
| C-4 | Bottle Holder | 1PCS |
| D | Main Frame Set | 1SET |
| D-1 | Flat washer | 4PCS |
| D-3 | Screw | 4PCS |
| D-4 | Sensor Box | 1PCS |
| D-5 | Bearing | 2PCS |
| D-6 | Screw | 1PCS |
| D-7 | Sensor Bracket | 1PCS |
| D-8 | Flat washer | 1PCS |
| D-9 | C type ring | 1PCS |
| D-10 | Right front cover | 1PCS |
| D-11 | Right cover (Lower) | 1PCS |
| D-12 | Screw | 10PCS |
| D-13 | Cover for crank | 2PCS |
| D-14 | Right crank | 1PCS |
| D-15 | Pedal Right | 1PCS |
| D-16 | Pedal Left | 1PCS |
| D-17 | Nylok | 2PCS |
| D-18 | Left crank | 1PCS |
| D-19 | Screw | 5PCS |
| D-20 | Left front cover | 1PCS |
| D-21 | Screw | 6PCS |
| D-22 | Left upper cover | 1PCS |
| D-23 | Wave washer | 1PCS |

| No. | Description | Q'ty |
|---|---|---|
| D-24 | Flat washer | 10PCS |
| D-25 | Spring for idler | 1PCS |
| D-26 | Tension Lower | 1PCS |
| D-27 | Ring | 2PCS |
| E | Flywheel Set | 1SET |
| E-1 | Washer | 2PCS |
| E-2 | Nut | 5PCS |
| E-3 | Bearing | 1PCS |
| E-4 | Flat washer | 1PCS |
| E-5 | Bearing | 1PCS |
| E-6 | One-way Bearing set | 1PCS |
| E-7 | Flywheel | 1PCS |
| E-8 | Axel for Flywheel | 1PCS |
| E-9 | Bearing | 1PCS |
| E-10 | Pulley | 1PCS |
| E-11 | Bearing | 1PCS |
| E-12 | Flat washer | 1PCS |
| F | Idler set | 1SET |
| F-1 | Wave washer | 2PCS |
| F-2 | Idler wheel | 1PCS |
| F-3 | Hex screw | 1PCS |
| F-4 | Flat washer | 1PCS |
| F-5 | Flat washer | 1PCS |
| F-6 | Nylon Nut | 1PCS |
| F-7 | Flat washer | 1PCS |
| F-8 | Hex screw | 1PCS |
| G | Axle Set | |
| G-1 | Bushing | 1PCS |
| G-2 | Pulley | 1PCS |
| G-3 | Axle | 1PCS |
| G-4 | Hex screw | 3PCS |
| G-5 | Belt | 1PCS |
| H | Front Stabilzer Set | |
| H-1 | Screw | 2PCS |
| H-2 | End cap for front Stabilzer | 1PCS |
| H-3 | End cap for front Stabilzer | 1PCS |
| I | Rear Stabilzer Set | |
| I-1 | End cap for front Stabilzer | 2PCS |
| I-2 | Adjustor | 2PCS |

| No. | Description | Q'ty |
|---|---|---|
| I-3 | Hex screw | 2PCS |
| J | Seat post | 1SET |
| J-1 | Sleeve | 1PCS |
| J-2 | Seat knob | 1PCS |
| J-3 | Left cover for slider | 1PCS |
| J-4 | Right cover for slider | 1PCS |
| J-5 | Seat knob | 1PCS |
| J-6 | Screw set for seat slider | 1PCS |
| J-7 | Cap | 2PCS |
| J-8 | Seat Slider Set | 1PCS |
| J-9 | Saddle | 1PCS |
| K | Hardware Kit | 1SET |
| K-1 | Metal cover | 1PCS |
| K-2 | Plastic cover | 1PCS |
| K-3 | Flat washer | 2PCS |
| K-4 | Spring washer | 2PCS |
| K-5 | Screw | 1PCS |
| K-6 | Bushing | 1PCS |
| K-7 | Screw for T-Knob | 1PCS |
| K-8 | Flat washer | 4PCS |
| K-9 | Nut | 4PCS |
| K-10 | Carriage Screw | 4PCS |
| K-11 | Flat washer | 1PCS |
| K-12 | Screw | 4PCS |
| L | Magnetic Set | 1SET |

# TOOLS


Wrench 1
NO. K-1 Metal cover (1)
NO. K-3 Regular Washer 7(2)
K-5 Allen Bolt M7*P1.0*30MM (1)
K-10 Carriage Bolt M8*P1.25*55MM (4)
NO. K-8 Washer 8* 19*2t (4)
NO. K-7 T-shape knob M7*65L(1)
NO. K-11 Washer 14.3* 25*2t(4)
NO. K-4 Spring Washer 7(2)
NO. K-6 Bushing 12*40MM (1)
NO. K-9 Acorn Nut for M8 Bolt (4)
Screwdriver (1)
Box Spanner(1)
Allen Key(1)
NO. K-12 Screws M5*14L (4)
(MM)

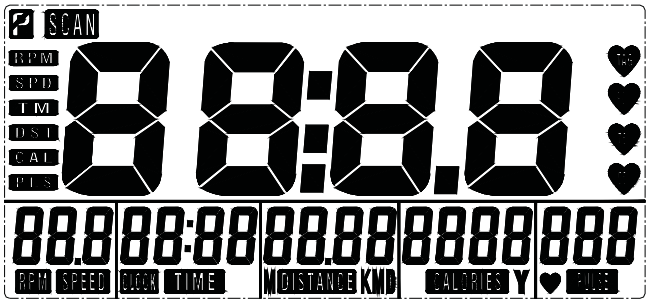
# Instruction Manual of ST7603

**Function Button**

| | |
|---|---|
| MODE | To confirm all settings. |
| UP | To select training mode and adjust function value up. |
| DOWN | To select training mode and adjust function value down. |
| RESET | To clear the set-up value. |
| RECOVERY | To test heart rate recovery status |
| TOTAL RESET | To power on the computer again. |
| BODY FAT : | To start or stop body fat testing. |

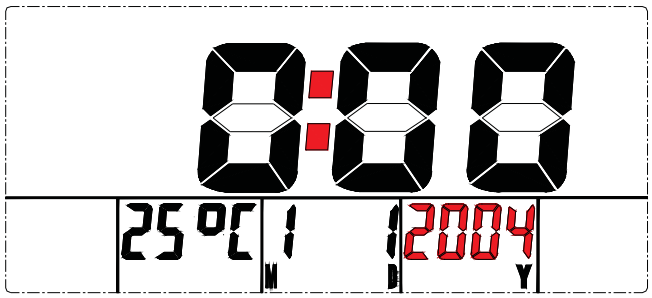
**Operation Procedure**

1. Installs 2 pieces of 1.5V #3 batteries, then the screen will display as following “Drawing A” and have “Bi” sound at the same time.

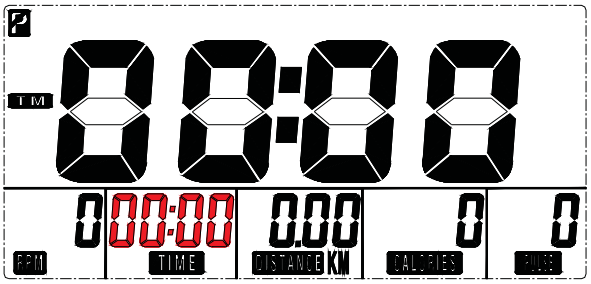



Drawing A

2. The calendar display will be in blinking mode shown as “Drawing B”, then you can press UP and DOWN button to set up the value. You can also press RESET button to come back the preset value. Press MODE button will skip to Month, Date, Hour, and Minute. Set-up method is the same with year. Press “MODE” button to confirm set-up shown as “Drawing C”.



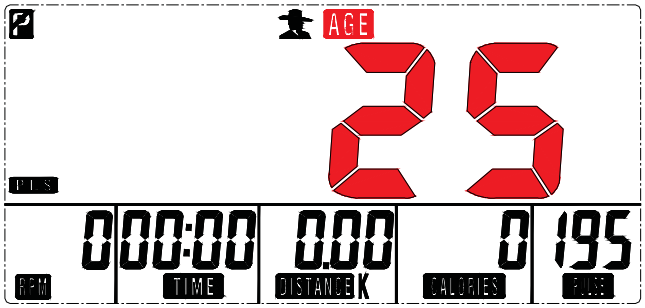

Drawing B

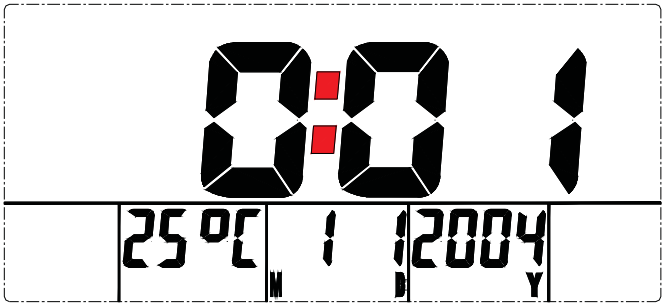



Drawing C

3. Get access to the set-up mode of TIME/DISTANCE/CALORIES/Target PULSE. When you are in each set- up mode. For instance the time set-up, when the time value is blinking, you can press “UP and DOWN” button to adjust the number. Press “Mode” button for confirmation and skip to next set-up. The set-up of DISTANCE & CALORIES is the same as TIME set-up.
4. When you are in Target PULSE mode, the main screen will show ”AGE”, PULSE screen

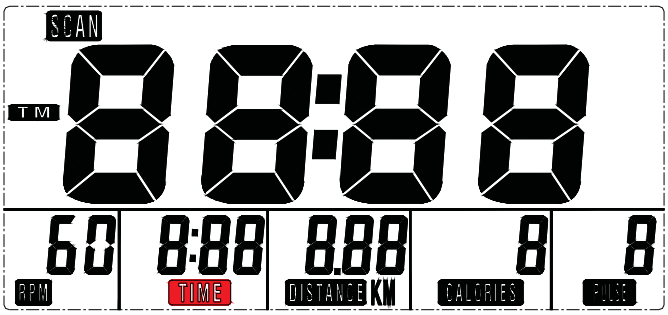
show ”TARGET value (220-AGE)”. At the time you can press “SET” button to change the value of AGE and TARGET shown as “Drawing D”. When the set-up is completed, press “MODE” button to confirm and skip to TIME screen. Continuously press “MODE” button will act this circle. If you do not enter the RPM and PULSE signal or manual set-up time over 4 minutes in this mode, it will be skip to SLEEP mode shown as “Drawing E”.




Drawing D Drawing E

5. After entering RPM value, and setting up the TIME, DISTANCE, CALORIES. In SCAN mode shown as “Drawing F”. RPM/SPEED/TM/DIST/CAL/PULSE will skip to display in every 6 seconds. The order is as follows.



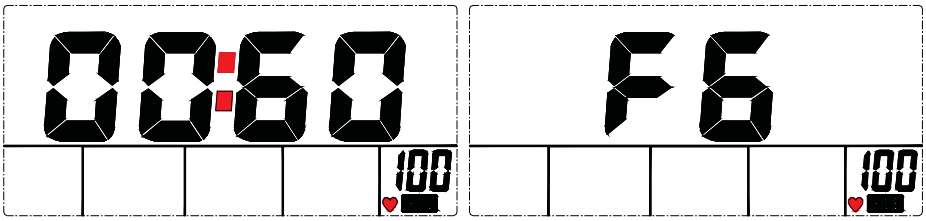

Drawing F

6. You can also press “Mode” button to select single function display except RPM & SPEED function. The RPM & SPEED function will switch display.
7. All function modes can set up, except the SPEED and RPM. When set-up is completed for TIME, DISTANCE, CALORIES, TARGET, H.R., enter RPM, the monitor will count down till 00:00 is achieved, and come out 4 times “Bi” sound for 8 seconds, then the value will be count up from 00:00 right away if you continue to exercise.

8. RECOVERY：

(1)When the user presses “RECOVERY” button, the RECOVERY function is active. At this time only PULSE and TIME is working, other functions will not be displayed, and the Sensor Input is not available. TIME starts to count down from ”**00：60**”, Pulse signal will be blinking according user’s heart rate BPM. When Time counts down to “0”, it will show F1~F6.

(2)LCD display as follows: (RECOVERY start condition & end condition)。




(3)If the count down action to **00:00** is not completed and there is no pulse signal, the count down action has to be done and shown F6.

(4)If you press the RECOVERY button prior to count down to **00:00**, it will be end the function and there will be no display at all.

**FUNCTIONS：**

SCAN: Displays all function from RPM→SPEED→DISTANCE→CALORIES→PULSE in sequence.

RPM: Displays the pedaling Rotation Per Minute. The RPM and SPEED will switch to another display in every 6 seconds after exercise starts.

SPEED: Displays the user's exercise speed.

TIME: 1.You can press Up / Down button to set target time between 00:00 to 99:00 for count down function.

2.It can be set up by the user or accumulated automatically for count up function.

DISTANCE: 1.Your can press UP/Down button to set target distance between 00:00 to 99:00 for count down function.

2. It can be set up by the user or accumulated automatically for count up function.

CALORIES: 1.You can press Up / Down button to set target calories between 00:00 to 99:00 for count down function.

2. It can be set up by the user or accumulated automatically for count up function.

TARGET PULSE：1. Presses Up / Down button to input your AGE, then the computer will set up a pulse value automatically. And when you exercise for a while, the screen will show the pulse percentage 55%, 75% and 90% be blinking signal if you reach that percentage of pulse value. This is to remind you the target percentage you have achieved when you are exercising.

TEMPERATURE: Displays current room temperature .

CALENDAR: You can set current calendar including year, month, date, and it will show up after the monitor stops working for around 4 minutes.

CLOCK: Displays time from 00:00 to 23:59 (24 hours mode) together with Calendar data after the monitor stops training for 4 minutes.

BODY FAT In STOP mode, press the BODY FAT button to start body fat measurement.

The selected user (U1~U9) will blinking for 2 seconds. Then start measuring.

During measuring, user have to hold both hands on the handgrip. And the LCD will display "--" "--" for 8 seconds until computer finish measuring.

LCD will display BODY FAT advice symbol, BODY FAT percentage, BMR, BMI for 30 seconds.

**<REFERENCE>**

B.M.I. (Body mass index) integrated

| B.M.I SCALE | LOW | LOW/MED | MEDIUM | MED/HIGH |
|---|---|---|---|---|
| RANGE | <20 | 20-24 | 24.1-26.5 | >26.5 |

BODY FAT:

| SYMBOL | — | + | ▲ | ◆ |
|---|---|---|---|---|
| FAT% SEX | LOW | LOW/MED | MEDIUM | MED/HIGH |
| MALE | <13% | 13%-25.9% | 26%-30% | >30% |
| FEMALE | <23% | 23%-35.9% | 36%-40% | >40% |